



Attorney Docket: 027/43042  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: HERBERT DAMSOHN ET AL.

Serial No.: 08/743,002      Group Art Unit: 3743

Filed: NOVEMBER 1, 1996      Examiner: L. LEO

Title: HEAT EXCHANGER FOR COOLING EXHAUST GAS AND METHOD OF  
MANUFACTURING SAME

REPLY

RECEIVED

Commissioner for Patents  
Washington, D.C. 20231

SEP 19 2002  
TECHNOLOGY CENTER R3700

Sir:

In response to the Office Action dated June 18, 2002 (Paper No. 34), please cancel claim 33, and amend claims 22 and 34 as follows. A marked-up version of the amended claims is included at the end of this Reply.

22. (Five times amended) A method of manufacturing a heat exchanger for cooling exhaust gas of an internal-combustion engine, said method comprising the steps of:

providing a plurality of rectangular tubes for guiding exhaust gas;

arranging a plurality of lugs in said rectangular tubes diagonally to a flow direction of the exhaust gas, in pairs, by one of (a) directly attaching the lugs to opposite walls of said tubes (and (b) integrally forming the lugs from said opposite walls of said tubes,) and providing said rectangular tubes with spacing elements facing respective adjacent rectangular tubes;